

ABSTRACT OF THE DISCLOSURE

The present invention is directed to a method and system for operating a secondary diagnostic channel on a modem. The present invention is directed to the transmission of data on a previously defined UI frame. In this manner, various pieces of information may be sent over the secondary logic channel. The present application also discloses the use of a wild card request that allows the sending of multiple pieces of unrelated data at one time, through the use of a special format. The present application also discloses the use pseudo-unique call identification information that can be used to diagnose and prevent problems in various data connections. Modems can be configured to refer to information stored for previous connections to diagnose problems that may have occurred in the previous connection.